Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 11 Sep 2021 until 23:59 on Sunday 12 Sep 2021

Forecast Issued on Friday 10 Sep 2021 at 11:06

Confidence: High for rather cloudy conditions over the coming days with poor visibility being the main hazard due to low cloud. Confidence falls from later Sunday regarding the extent of rainfall.

Headline for Saturday 11 Sep 2021: Poor visibility will dominate through morning. Best conditions across the east later.

Mountain weather hazards on Saturday 11 Sep 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Fog	Fog	Drizzle	Mist	Light rain	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
30%	30%	40%	30%	50%	40%	20%	10%

Forecast for Saturday 11 Sep 2021

Weather: Westerly winds will continue to bring a feed of mild, moist air in off the Irish Sea leading to extensive low cloud and patchy drizzle through much of the morning, with the best of any shelter across the eastern foothills. Conditions will improve through the day as cloud lifts and breaks, but this may well be reluctant to clear across the west, perhaps persisting all day. A few showers may also develop through afternoon along with some sunny spells in between.

Chance of cloud free mountain/hill tops above 600m: No chance, improving to 70% across the east by afternoon.

Visibility: Widely very limited through morning above around 400m due to cloud and drizzle. Hazy on lower slopes. Improving markedly across the east through afternoon with some good views on offer, but western areas may hang on to cloud cover above 500m. Passing showers likely doing little to affect visibility.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 11 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 SW	13/19 SW	14/20 W	17/24 W	17/26 W	17/25 W	14/21 W	11/19 W	8/14 W
300	7/14 SW	8/16 SW	9/18 W	11/21 W	12/24 W	13/25 W	10/20 W	7/16 W	4/12 SW
Valley	5/12 SW	7/16 W	6/14 W	8/16 W	10/21 W	11/21 W	7/16 W	4/11 W	4/8 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/11	14/11	12/10	12/9	13/10	12/10	11/9	10/8	9/7
300	15/14	15/14	14/12	14/12	16/14	15/13	14/12	12/10	10/10
Valley	16/16	16/15	15/14	16/14	17/15	16/15	15/14	13/13	12/12
Freezing Level*	3100m	2900m	2700m	2500m	2500m	2400m	2400m	2400m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be prepared for widely poor visibility across the hills through morning, this making navigation difficult. There is uncertainty over the improvement across western hills through afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 10 Sep 2021	18.6mm	19.2mm	19.2mm

Forecast for Sunday 12 Sep 2021

Weather: Predominantly cloudy throughout but a shift in the wind direction from the west round to the northeast will give much more shelter to western slopes compared to previous days. Scattered showers are likely to develop by afternoon. Most likely a cloudy end to the day with further rain possible, although this is uncertain.

Maximum wind: North or northeast 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 50%.

Visibility: Cloud detail is unreliable but periods of extensive cloud above around 500m look likely across the north and east, especially early and late in the day. Less hazy than previous days at lower levels. Passing showers may briefly obscure neighbouring slopes.

Temperature: **Valleys:** Plus 10 Celsius rising to 15 Celsius.
At 600m: Around plus 10 Celsius.
Freezing level: Well above summits.

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